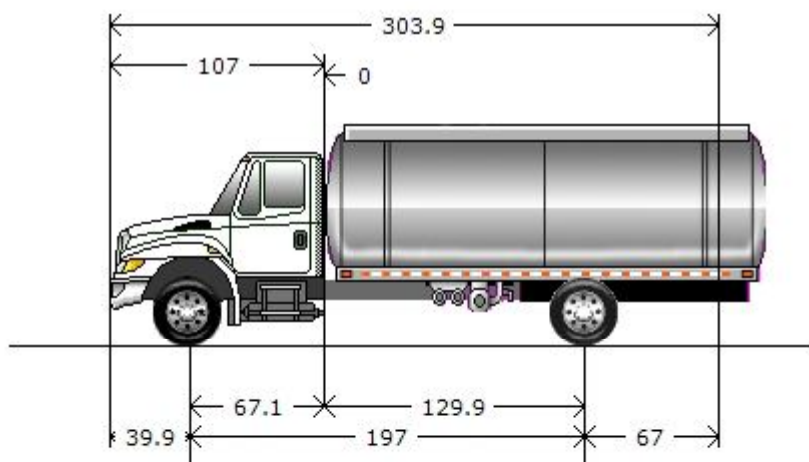


## ATTACHMENT A

2500 GALLON WATER TRUCK Year 2022 or newer OR EQUAL



**Model Profile**  
**4300 SBA 4X2 (MA025)**

**APPLICATION:**

**MISSION:**

**DIMENSION:**

**ENGINE, DIESEL:**

**TRANSMISSION, MANUAL:**

**CLUTCH:**

**AXLE, FRONT NON-DRIVING:**

**AXLE, REAR, SINGLE:**

**CAB:**

**TIRE, FRONT:**

**TIRE, REAR:**

**SUSPENSION, RR, SPRING, SINGLE:**

**PAINT:**

Export Packer - Rear Loader

Requested GVWR: 35000. Calc. GVWR: 35000

Calc. Start / Grade Ability: 13.16% / 1.74% @ 55 MPH

Calc. Geared Speed: 68.8 MPH

Wheelbase: 197.00, CA: 129.90, Axle to Frame: 67.00

{International DT466 Standard Torque} EPA 1998, Electro-Hydraulic Fuel System, 215HP @ 2300/2600 RPM, 560 lb-ft Torque @ 1400 RPM, 2600 RPM Governed Speed, 225 Peak HP (Max)

{Fuller FS-5406N} 6-Speed Manual; Fully Synchronized, Short Shift Stroke

{Eaton Fuller SAS1401} Single Plate, Stamped Angle Spring; Ceramic, 14" Diameter, 8-Spring Coaxial Free Travel Damper, Mechanical Pull-Type Control, with Kwik-Adjust(Manual) Feature; 2 Piece Retainer 620 lb-ft Torque Capacity

{Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity

{Dana Spicer 23082T} Two-Speed, 23,000-lb Capacity, 200 Wheel Ends Gear Ratio(s): 4.56, 6.20 Conventional

(3) 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position

(4) 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position

Vari-Rate; 23,500-lb Capacity, with 4500 lb Auxiliary Rubber Spring

Cab schematic 100GA

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

**Vehicle Specifications**  
**4300 SBA 4X2 (MA025)**

<b><u>Description</u></b>	<b><u>F/R Wt</u></b> (lbs)	<b><u>Tot Wt</u></b> (lbs)
Base Chassis, Model 4300 SBA 4X2 with 197.00 Wheelbase, 129.90 CA, and 67.00 Axle to Frame.	5474/2935	8409
TOW HOOK, FRONT (2) Frame Mounted	8/0	8
FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 460.0" (11684mm) Maximum OAL	101/261	362
BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness	0/0	0
<u>Includes</u> : BUMPER, FRONT Powder Coated Gray (Argent) Color		
BUMPER EXTENSION, FRONT 4.0"	14/-2	12
WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)	0/0	0
AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity	41/0	41
SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 12,000-lb Capacity; with Shock Absorbers		
<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
	69/0	69
<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications		
<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes) : SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes) : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6	99/31	130
<u>Notes</u> : Front and Rear Dust Shields not Included : Rear Axle is Limited to 19,000-LB GAWR with Code 04091 BRAKE SYSTEM, AIR and Code 04NDC BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered : Rear Axle is Limited to 20,000-LB GAWR with Code 04092 BRAKE SYSTEM, AIR and Code 04NCW BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered : Rear Axle is Limited to 23,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle/Suspension Ordered		
DRAIN VALVE {Berg} with Pull Chain, for Air Tank		
<u>Includes</u> : DRAIN VALVE Mounted in Wet Tank		
AIR BRAKE ABS {AntiLock Brake System;} Omit Item	1/0	1
<u>Notes</u> : *** THIS CODE CANNOT be used for Air Brake Vehicles to be Operated or Resold in the USA.		
AIR DRYER {Bendix AD-9} with Heater	-9/-21	-30
	23/4	27

**Vehicle Specifications**  
**4300 SBA 4X2 (MA025)**

<b><u>Description</u></b>	<b><u>F/R Wt</u></b> (lbs)	<b><u>Tot Wt</u></b> (lbs)
<b><u>Includes</u></b>		
: AIR DRYER LOCATION Inside Left Rail, Back of Cab		
BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn	17/0	17
BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake	0/0	0
BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. Long Stroke Brake Chambers	165/0	165
<b><u>Notes</u></b>		
: Front Axle with 14,000-lb GAWR is Limited to 13,200-lb GAWR when used in Conjunction with 15" BRAKES, FRONT, AIR CAM.		
: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake	0/211	211
<b><u>Notes</u></b>		
: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity	61/-2	59
DUST SHIELDS, FRONT BRAKE for Air Brakes	4/0	4
DUST SHIELDS, REAR BRAKE for Air Brakes	0/6	6
STEERING COLUMN Stationary	0/0	0
STEERING WHEEL 2-Spoke; 18" Dia., Black, Leather Wrapped	0/0	0
STEERING GEAR {Sheppard M100} Power	25/0	25
PROPSHAFT GUARD	2/8	10
EXHAUST SYSTEM Single, Horizontal Muffler and Short Tail Pipe, Aluminized Steel, Frame Mounted Right Side	-102/-97	-199
ENGINE EXHAUST BRAKE {Jacobs} for International I-6 Engine	8/0	8
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
<b><u>Includes</u></b>		
: BATTERY BOX Steel		
: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab		
: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover		
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever		
: JUMP START STUD Located on Positive Terminal of Outermost Battery		
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light		
: STARTER SWITCH Electric, Key Operated		
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector		
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature		
: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted		
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever		
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted		
: WIRING, CHASSIS Color Coded and Continuously Numbered		
CIGAR LIGHTER Includes Ash Cup	1/0	1
HORN, ELECTRIC (2) Disc Style	1/0	1

**Vehicle Specifications 4300**  
**SBA 4X2 (MA025)**

<b>Description</b>	<b>F/R Wt (lbs)</b>	<b>Tot Wt (lbs)</b>
POWER SOURCE Cigar Type Receptacle without Plug and Cord	1/0	1
RADIO Accommodation Package; Less Radio, with Wiring and Antenna, Includes Multiple Speakers	2/0	2
<u>Includes</u>		
: SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior		
: SPEAKERS IN CAB (4) Coaxial with Premium Interior		
ALTERNATOR {Delco Remy 22SI} Brush Type, 12 Volt 100 Amp. Capacity	-2/0	-2
BODY BUILDER WIRING Back of Standard or Sleeper Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	2/0	2
BATTERY SYSTEM {International} Maintenance-Free, (2) 12-Volt 1300CCA Total	0/0	0
WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights	0/0	0
ENGINE SHUTDOWN Automatic; with 30 Second Delay, with International Engines	1/0	1
TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
STARTING MOTOR {Delco Remy 39MT} 12 Volt; Gear Reduced, with Thermal Over-Crank Protection	0/0	0
INDICATOR, LOW COOLANT LEVEL with Audible Alarm	0/0	0
ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened	0/0	0
CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
GRILLE Chrome	0/0	0
FRONT END Tilting, Fiberglass, with Three Piece Construction	0/0	0
PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
<u>Includes</u>		
: PAINT SCHEMATIC ID LETTERS "GA"		
TOOL KIT Rim Wrench and Handle Only	10/0	10
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
COUNTRY IDENTITY for Panama	0/0	0
LANGUAGE IDENTITY For Spanish	0/0	0
FIRE EXTINGUISHER {Cinglar}	8/0	8
HYDRAULIC JACK and Handle	15/0	15
SAFETY TRIANGLES	6/0	6
MUD FLAP HOLDER Spring Loaded, Painted Black; with Red and White Reflective Tape; Less Flaps	0/34	34
MUD FLAPS, REAR Black Rubber, Anti-Sail Less Logo; Less Holders	0/8	8
CLUTCH {Eaton Fuller SAS1401} Single Plate, Stamped Angle Spring; Ceramic, 14" Diameter, 8-Spring Coaxial Free Travel Damper, Mechanical Pull-Type Control, with Kwik-Adjust(Manual) Feature; 2 Piece Retainer 620 lb-ft Torque Capacity	0/0	0

**Vehicle Specifications**  
**4300 SBA 4X2 (MA025)**

<b><u>Description</u></b>	<b><u>F/R Wt</u></b> (lbs)	<b><u>Tot Wt</u></b> (lbs)
<b><u>Includes</u></b>		
: CLUTCH RELEASE BEARING Greasable		
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
ENGINE, DIESEL {International DT466 Standard Torque} EPA 1998, Electro-Hydraulic Fuel System, 215HP @ 2300/2600 RPM, 560 lb-ft Torque @ 1400 RPM, 2600 RPM Governed Speed, 225 Peak HP (Max)	675/14	689
FAN DRIVE {Borg-Warner K26} Automatic On/Off Type	5/0	5
RADIATOR {Modine} Aluminum , 2-Row, Cross Flow, Over Under System, 516 SqIn, Louvered, with 270 SqIn Charge Air Cooler, 10 Fins per in.	-3/0	-3
<b><u>Includes</u></b>		
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps		
FEDERAL EMISSIONS for 2002; for International VT365, T444E, DT466 and DT530 Engines	0/0	0
AIR CLEANER Dual Element	4/0	4
<b><u>Includes</u></b>		
: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted		
ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control, for International Engines	2/0	2
THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	0/0	0
TRANSMISSION, MANUAL {Fuller FS-5406N} 6-Speed Manual; Fully Synchronized, Short Shift Stroke	0/0	0
<b><u>Includes</u></b>		
: CLUTCH BRAKE Torque Limiting		
: FILL PLUG, MAGNETIC		
TRANSMISSION OIL {EmGard 40W} Synthetic; 1 thru 21.99 Pints	17/3	20
AXLE, REAR, SINGLE {Dana Spicer 23082T} Two-Speed, 23,000-lb Capacity, 200 Wheel Ends . Gear Ratio: 4.56, 6.20	0/250	250
<b><u>Includes</u></b>		
: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle		
<b><u>Notes</u></b>		
: Axle Lead Time is 49 Days		
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance		
SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, with 4500 lb Auxiliary Rubber Spring	0/66	66
<b><u>Notes</u></b>		
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
SHOCK ABSORBERS, REAR (2)	0/45	45
FUEL/WATER SEPARATOR {Racor Model 21000} 12 VDC Electric Heater, Includes Pre-Heater, Sight Glass, Drain Indicator Light, 30 Micron Filter	6/0	6
FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), with Quick Connect Outlet, Mounted Left Side, Under Cab	14/1	15
<b><u>Notes</u></b>		
: N/A with 19.5" Tires		

**Vehicle Specifications**  
**4300 SBA 4X2 (MA025)**

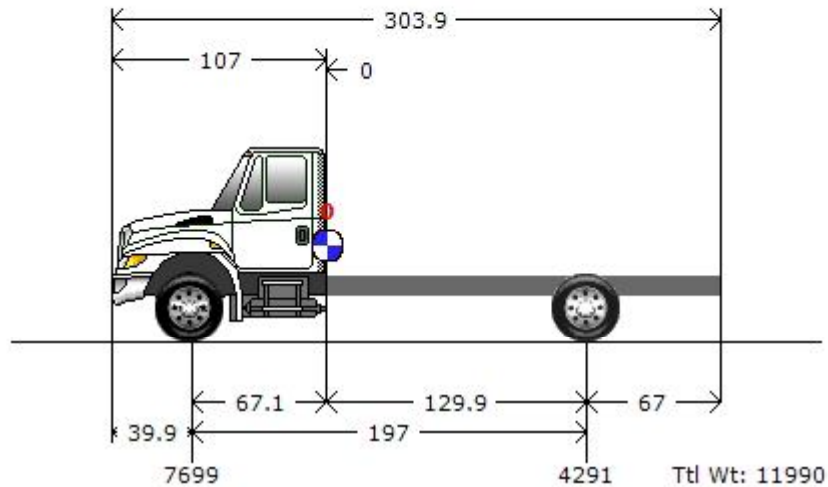
<b>Description</b>	<b>F/R Wt (lbs)</b>	<b>Tot Wt (lbs)</b>
CAB Conventional	0/0	0
<u>Includes</u>		
: ARM REST (2) Molded Plastic; One Each Door		
: CLEARANCE/MARKER LIGHTS (5) Flush Mounted		
: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window		
: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel		
: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted		
: GLASS, ALL WINDOWS Tinted		
: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side		
: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side		
: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color		
GAUGE CLUSTER English with Metric Electronic Speedometer	0/0	0
<u>Includes</u>		
: GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter		
: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout		
: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)		
<u>Notes</u>		
: Standard in Canada		
GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel Mounted in Instrument Panel	2/0	2
SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust	2/0	2
<u>Includes</u>		
: SEAT BELT 3-Point, Lap and Shoulder Belt Type		
SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Vinyl, Less Under Seat Storage Compartment	37/28	65
MIRRORS (2) {Lang Mekra} Rectangular, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing	-3/0	-3
AIR CONDITIONER {Blend-Air} with Integral Heater & Defroster	66/5	71
<u>Includes</u>		
: HEATER HOSES Premium		
: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps		
: REFRIGERANT Hydrofluorocarbon HFC-134A		
INSTRUMENT PANEL Center Section, Flat Panel	0/0	0
FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	1/0	1
CAB INTERIOR TRIM Deluxe	0/0	0
<u>Includes</u>		
: CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering		
: CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket		
: DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors		
: FLOOR COVERING Rubber, Black		
: HEADLINER Soft Padded Cloth		
: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section		

**Vehicle Specifications**  
**4300 SBA 4X2 (MA025)**

<b><u>Description</u></b>	<b><u>F/R Wt</u></b> (lbs)	<b><u>Tot Wt</u></b> (lbs)
: STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door		
: SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console		
WHEEL, SPARE, DISC {Accuride 29169} 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, with .472" Thick Increased Capacity Disc	0/0	0
WHEELS, FRONT {Accuride 29169} DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs	0/0	0
WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs	0/0	0
TIRE, SPARE Equal to Model Standard	0/91	91
<b><u>Notes</u></b>		
: NOTE: Only One Spare Tire per Truck Ordered. Order Must Reflect Number of Tires Required (Including Spare). 10-Digit Tire Code and Spare Rim/Wheel Code Must be Specified.		
(3) TIRE, FRONT 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position	147/0	147
(4) TIRE, REAR 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position	0/196	196
<b>Total Component Weight:</b>	<b>7018/4075</b>	<b>11093</b>
TANQUE JOPER PEGASO 2500GAL	0/0	0
<b>Total Body Allied:</b>	<b>0/0</b>	<b>0</b>
Modificacion de WB y AF en Exsto diesel para tanque Agua JOPER PEGASO 2500 Gal	0/0	0
WB 197		
CA 130		
AF 67		
<b>Total Goods Purchased:</b>	<b>0/0</b>	<b>0</b>

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

**Weight Summary**  
**4300 SBA 4X2 (MA025)**



Graphics are provided as visual aids only and are not intended to represent the actual scale, shape, or color of the truck or its components. All weights are represented in lbs.

Truck			Body/Trailer			Chassis/Empty Weights	
Bumper to Axle	(BA)	39.9	Body Length	(BL)	N/A	Tractor Front Axle:	7,018
Wheelbase	(WB)	197.00				Tractor Rear Axle:	4,075
Axle to Frame	(AF)	67.00					
Axle to Back Cab	(ABC)	67.1					
Cab to Axle	(CA)	129.9					
Usable CA		129.9					
CA Reduction Adjustment		0.00					
Fuel-Diesel(Gals)		70					
DEF(Gals)		0					

Before the Cab			Cab			Payloads Chassis			Body			After the Body		
#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG
						1	0	1						

Loads		Weight Distribution	
Payload Weight:	0	Total Front Axle:	7,699
Driver:	400	Total Rear Axle:	4,291
Fuel-Diesel(Lbs):	497	Total Weight:	11,990
DEF(Lbs):	0		

Weights and clearances in this proposal are estimates only. Navistar, Inc. is not liable for any consequences resulting from any differences between the estimated weights and clearances and the actual manufactured weights and clearances.



**Performance TCAPE Summary**  
**4300 SBA 4X2 (MA025)**

**STEADY STATE PERFORMANCE**

<b>Performance Results</b>	<b>Gear</b>	<b>Veh Spd (mph)</b>	<b>Eng Spd (rpm)</b>	<b>Fuel Econ (mpg)</b>	<b>Grade (%)</b>	<b>Notes</b>
LEVEL ROAD MAXIMUM SPEED	6	69.1	2611	5.43	0.00	
HI GEAR SPEED @ RATED RPM	6	68.8	2600	5.49	0.21	
55.0 MPH STEADY-STATE	6	55.0	2077	8.66	1.74	- Calculated Grade Ability/Fuel Economy
TYPICAL OPERATING SPEED	6	45.0	1700	10.67	2.25	

VEHICLE ORDER CODING ERRORS MAY RESULT IF THE "LEVEL ROAD MAX SPEED" VALUE EXCEEDS THE "HI GEAR SPEED @ RATED RPM" AND IS USED AS THE ENGINE PROGRAMMABLE VEHICLE SPEED LIMIT.

IF THE RESULTS CONTAIN " ----" , VEHICLE CANNOT ATTAIN THAT SPEED.

IF THE RESULTS CONTAIN "\*\*\*\*\*", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

**Recommendations / General Information**

IDLE FUEL RATE : 0.50 GALS/HR @ 700.0 RPM

**Fuel Economy Route: Normal Route - City, Suburban, and Highway**

<b>Key Fuel Economy Information</b>	<b>City</b>	<b>Suburban</b>	<b>Highway</b>	<b>Notes</b>
MILES PER GALLON	5.76	8.15	7.85	
AVERAGE MPH	18.6	39.4	54.6	
MISSION MINUTES	30.45	52.49	173.49	

IF THE RESULTS CONTAIN "\*\*\*\*\*", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

**Performance TCAPE Summary**  
**4300 SBA 4X2 (MA025)**

**REQUIRED TCAPE INFORMATION**

**TCAPE Factors For Vehicle**

Selected Rear Axle Gear Ratio(s):	4.56, 6.2
Engine Fan Type:	CLUTCH (MODULATED - ON/OFF)
Parked PTO:	NO
Enroute PTO:	NO
ID Wheel Slip Conditions:	Yes
Road Governor/Cruise Ctrl:	No
Road Surface Type:	TYPICAL
Fuel Economy Route:	Normal Route - City, Suburban, and Highway
Vehicle Vocation:	GENERAL ON HIGHWAY
Acceleration Grade (%):	0.0
Frontal Area (FT2):	96
Speed Limit on Route (MPH):	61.0
Relative Drag Coefficient:	85
Alternator (A):	40
Steering Gear (HP):	2.60
Air Conditioner (HP):	3.20
Vehicle Width (IN):	96
Acceleration Start Gear:	1
Vehicle Height (IN):	144
Weight on Drive Axle (LBF):	23000
Acceleration Vehicle Spd (MPH):	55.0
Air Compressor (HP):	2.20
TIRE, FRONT	2 - RADIAL NORMAL
TIRE, REAR	4 - RADIAL NORMAL

**Components**

0002ASC	AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity
0004SBC	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity
0005PSA	STEERING GEAR {Sheppard M100} Power
0008GCS	ALTERNATOR {Delco Remy 22SI} Brush Type, 12 Volt 100 Amp. Capacity
0012NMC	ENGINE, DIESEL {International DT466 Standard Torque} EPA 1998, Electro-Hydraulic Fuel System, 215HP @ 2300/2600 RPM, 560 lb-ft Torque @ 1400 RPM, 2600 RPM Governed Speed, 225 Peak HP (Max)
0012TKS	FAN DRIVE {Borg-Warner K26} Automatic On/Off Type
0013GNG	TRANSMISSION, MANUAL {Fuller FS-5406N} 6-Speed Manual; Fully Synchronized, Short Shift Stroke
0014CDE	AXLE, REAR, SINGLE {Dana Spicer 23082T} Two-Speed, 23,000-lb Capacity, 200 Wheel Ends
0016030	CAB Conventional
0016WCT	AIR CONDITIONER {Blend-Air} with Integral Heater & Defroster
07382138123	TIRE, FRONT 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position
07382138123	TIRE, REAR 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position 11R22.5 Load Range H G751 MSA (GOODYEAR), 497 rev/mile, 68 MPH, All-Position